

Figure 1

30

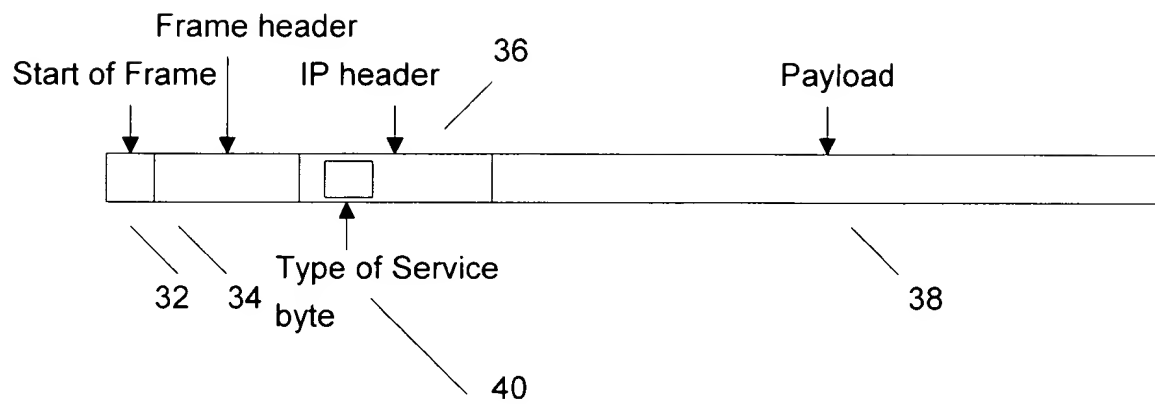


Figure 2

09764954-011301

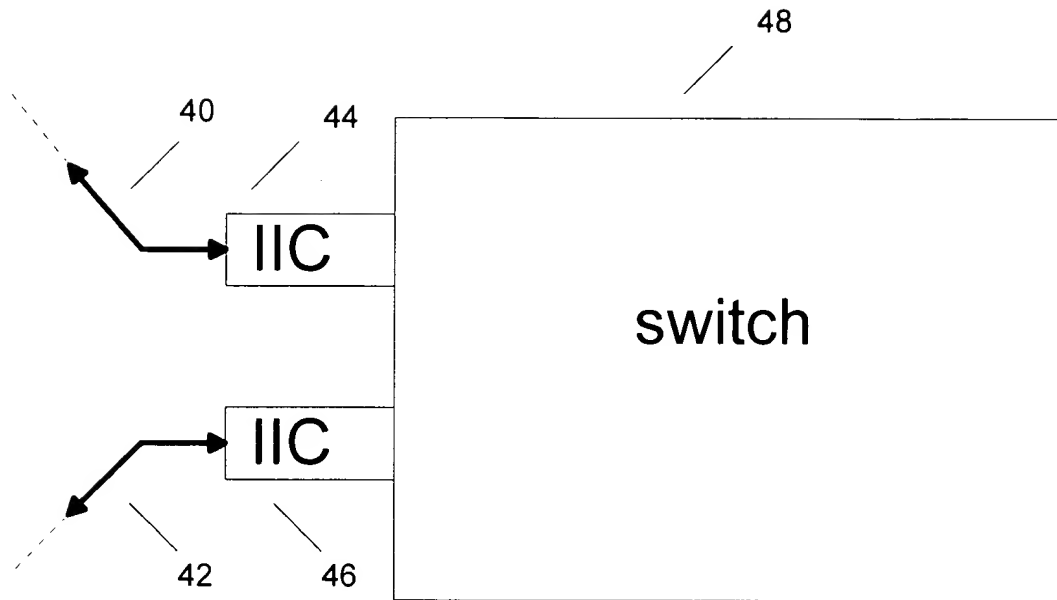


Figure 3

FOI b6 b7C

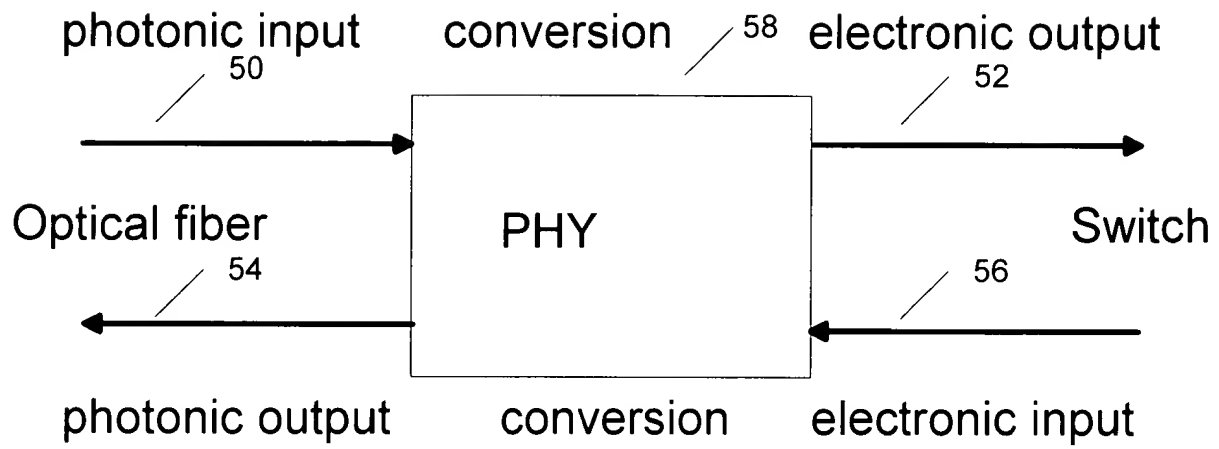


Figure 4

09764954-01301

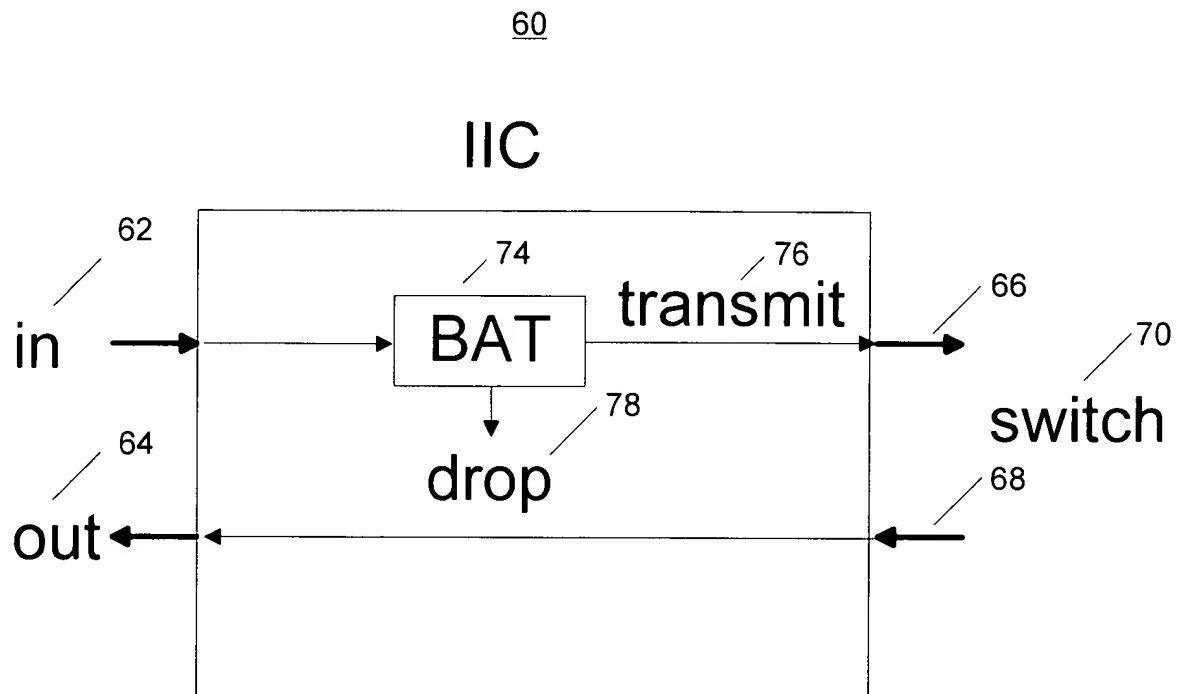


Figure 5

09764954-011801

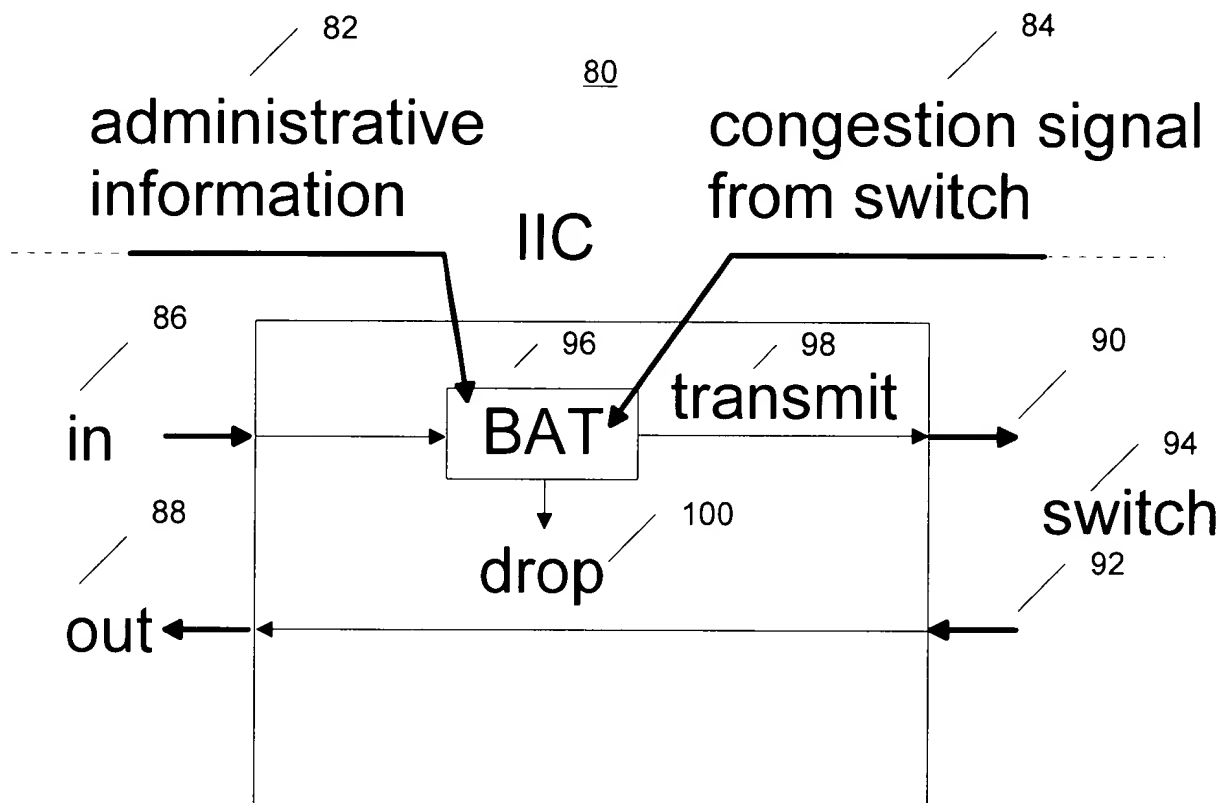


Figure 6

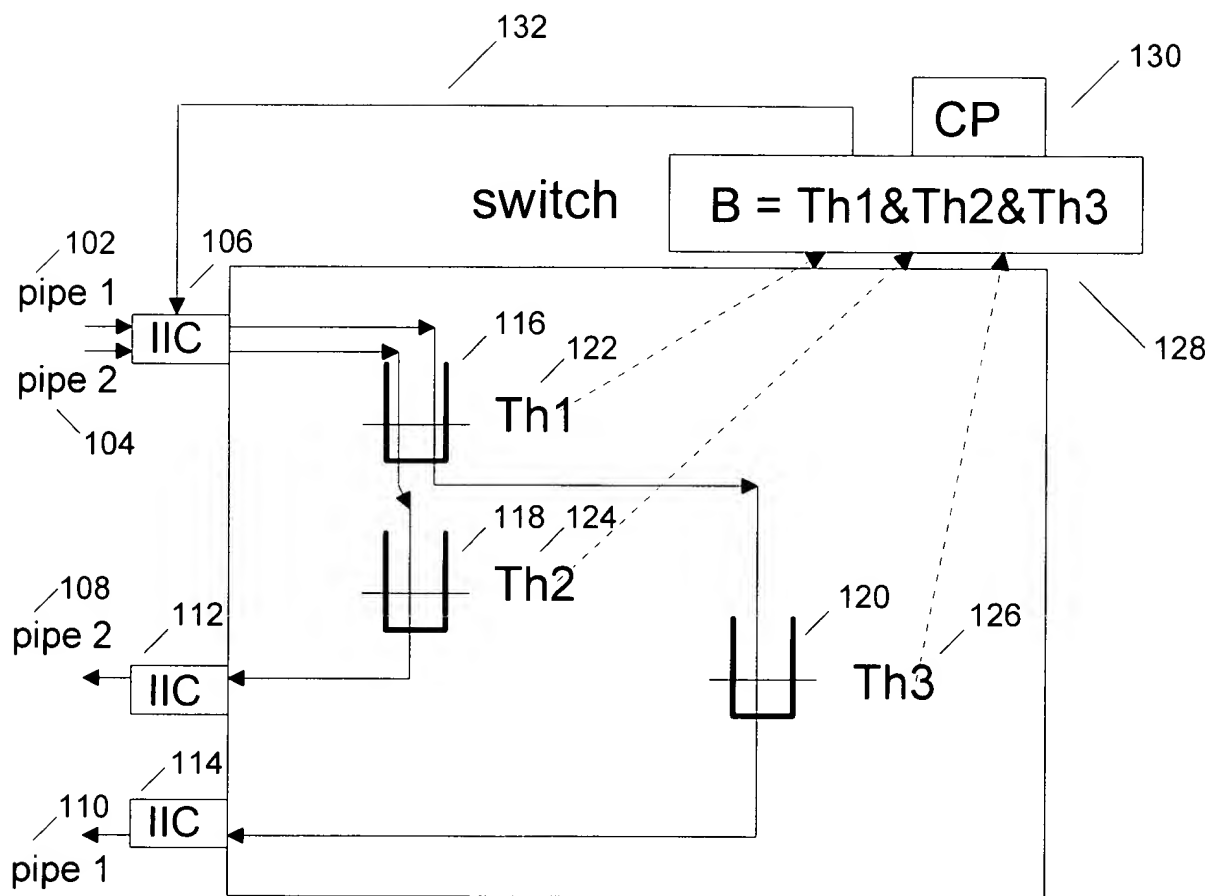


Figure 7

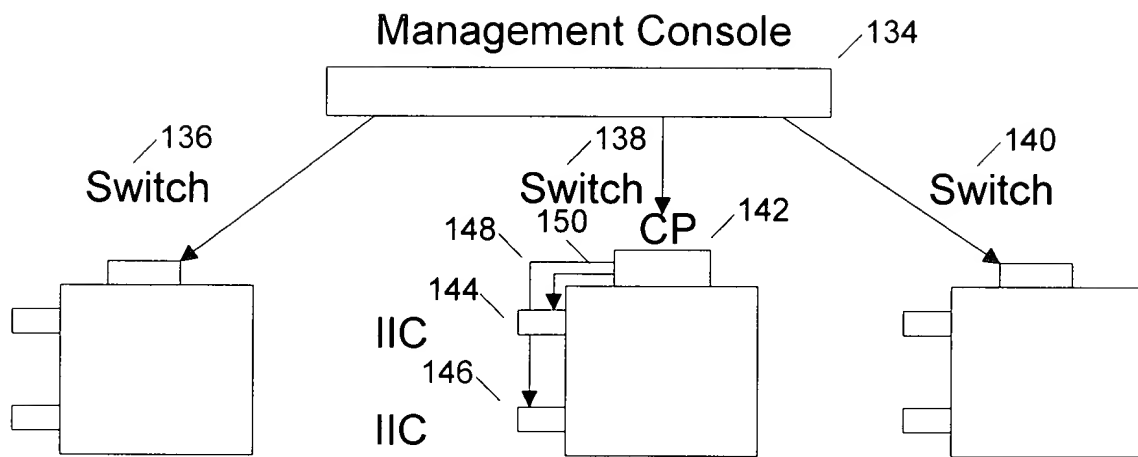


Figure 8



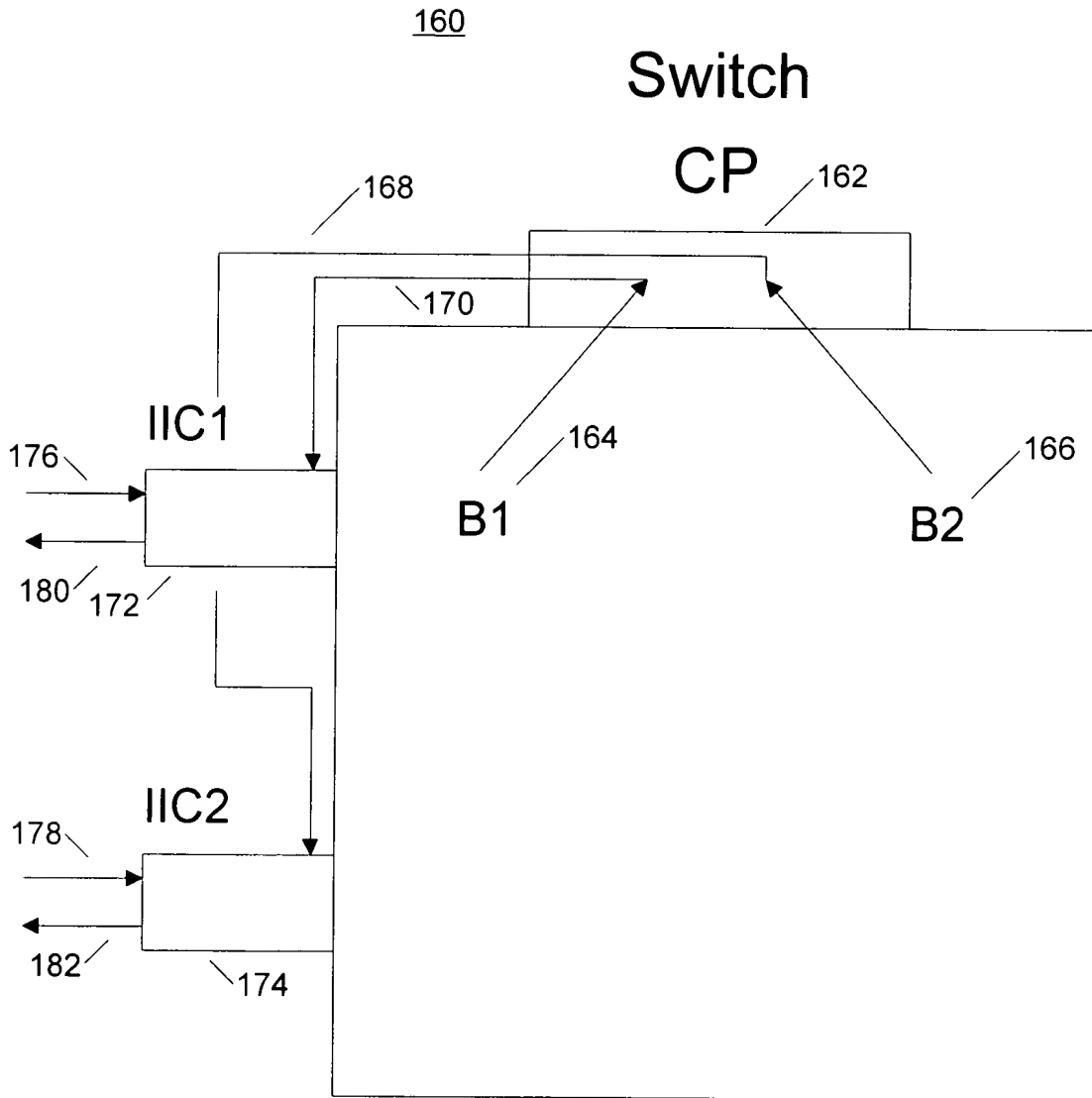


Figure 9

FIG. 9

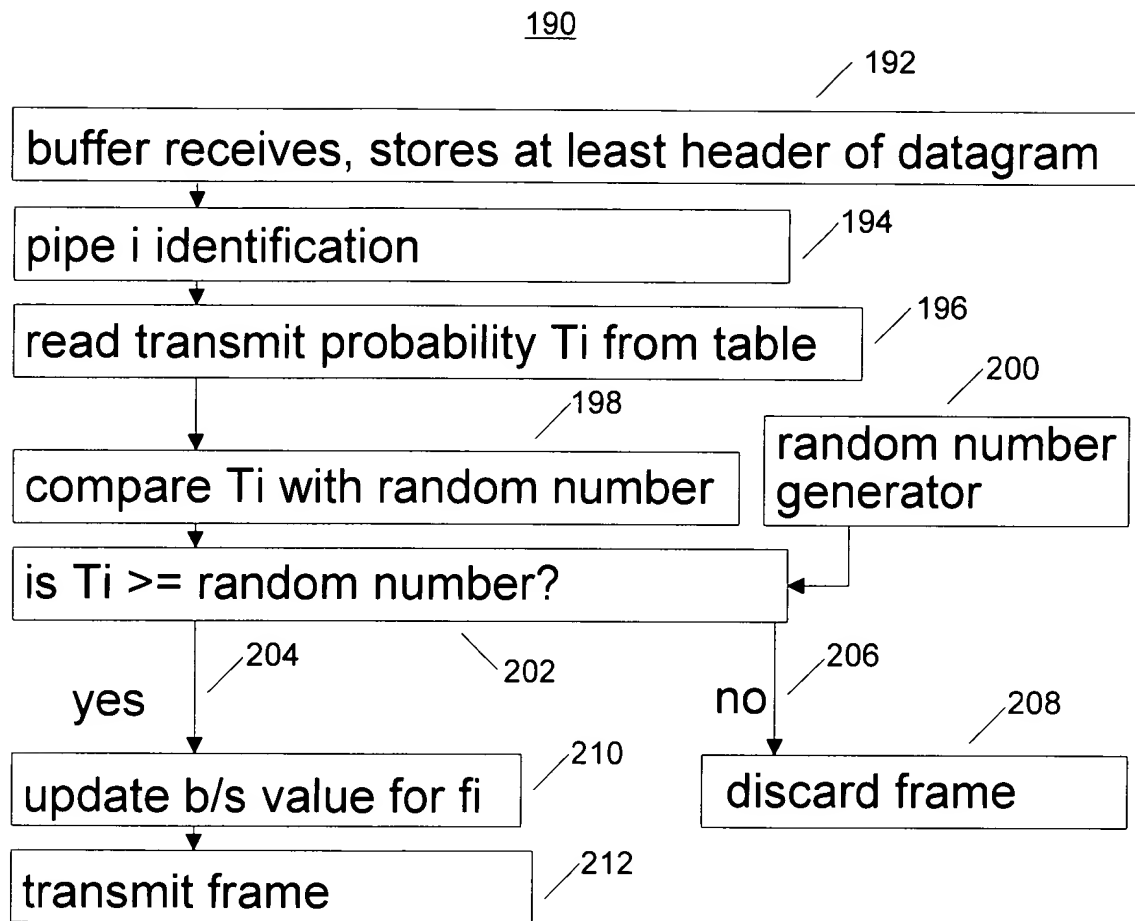


Figure 10

## IIC

### Update transmit probability table

Timer awakens program with period  $D_t$

Fetch B, E values from registers

Update E and store

For  $i = 1, \dots, N$  fetch  $f_i$ ,  $C_i$ ,  $D_i$ ,  $T_i$  values from registers

For  $i = 1, \dots, N$  update  $T_i$  and store in table of  $T_i$  values

Figure 11

09764954.011801  
708T10.45649260

BAT flow control refreshes transmit fractions  $T_i$  for pipes in a table.

Timer with period  $Dt$  awakens BAT flow control.  
New transmit fractions computed per pipe.

Results stored in a table.

pipe number $i$	Transmit fraction $T_i$

Figure 12

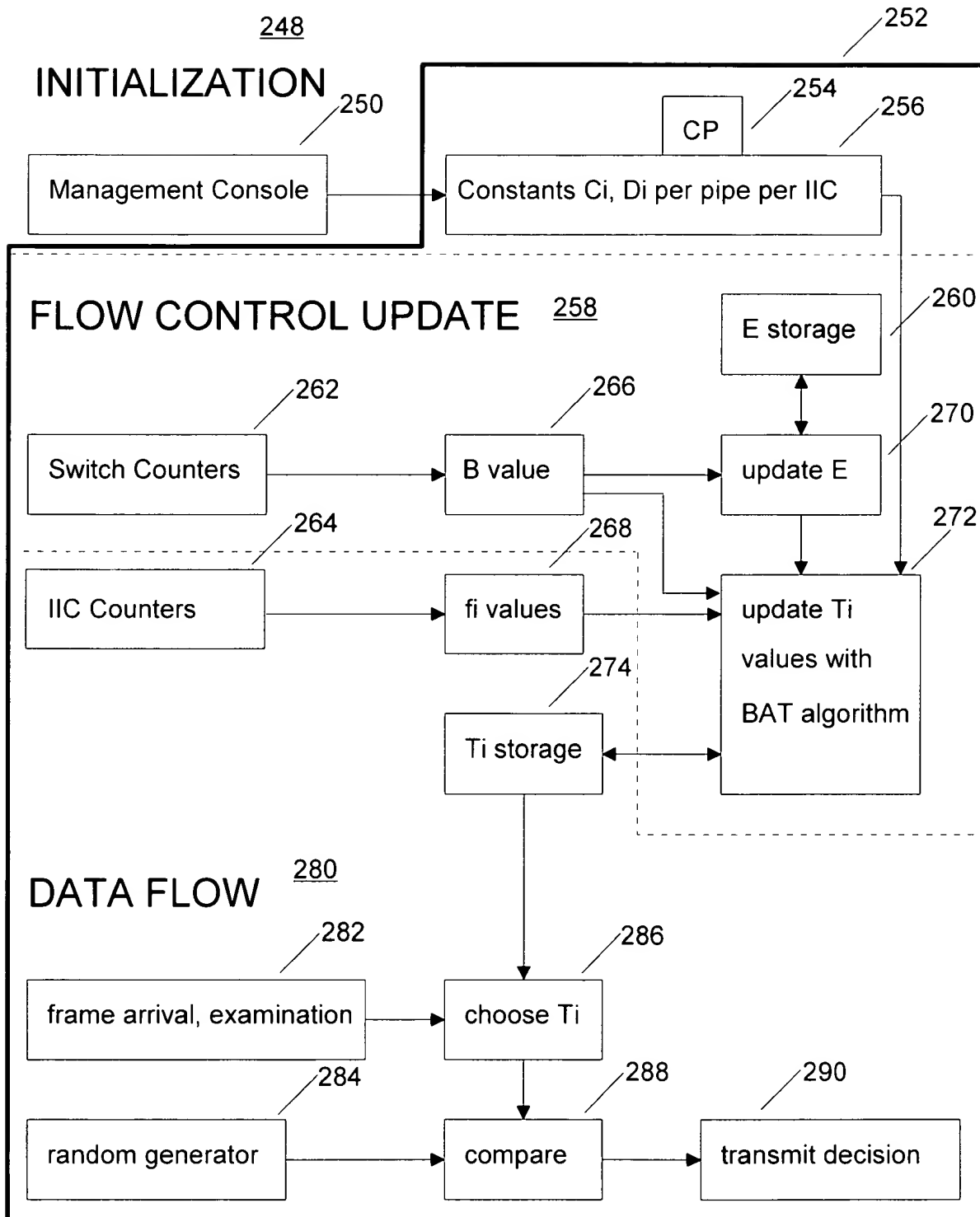


Figure 13

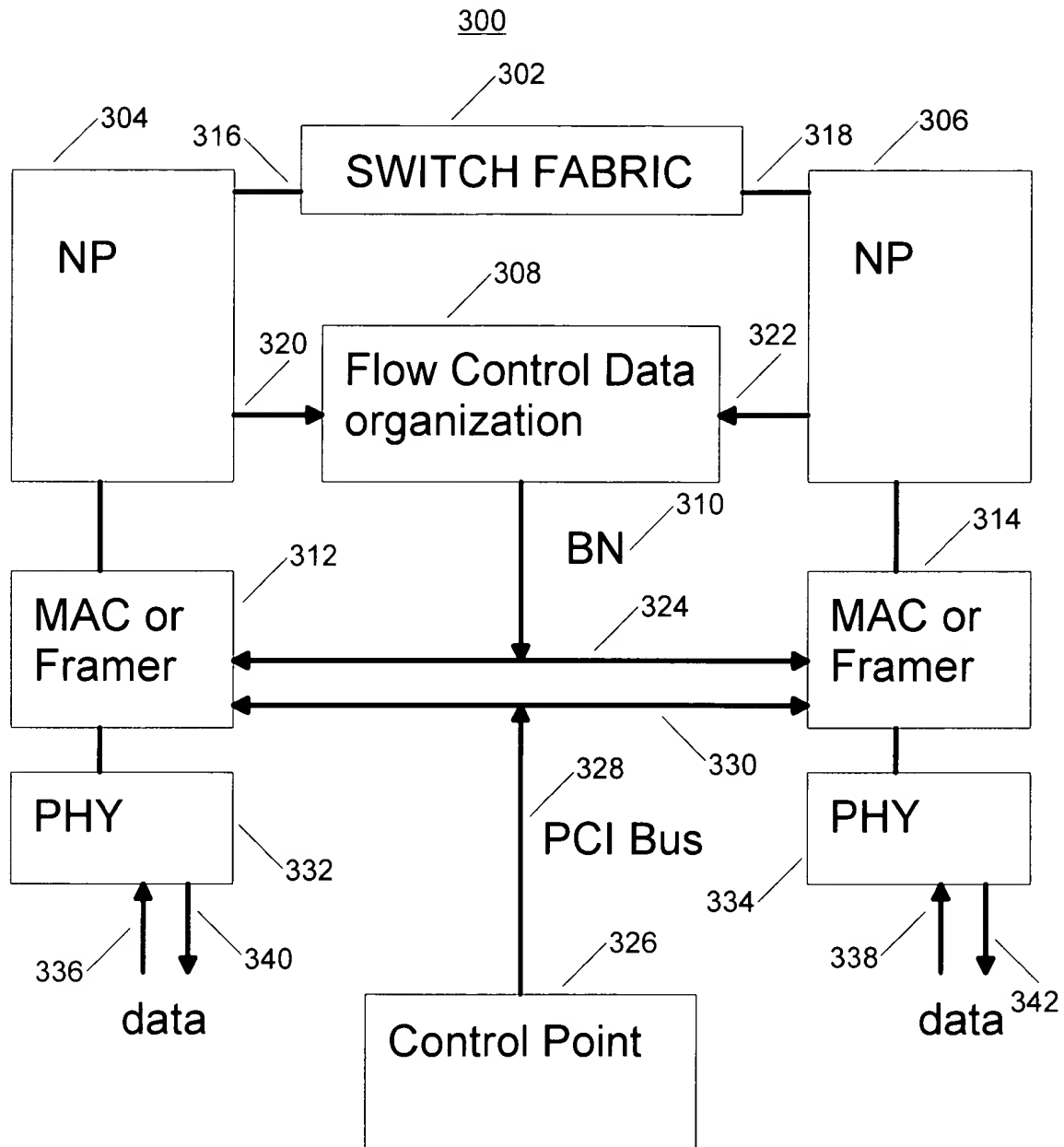


Figure 14